Installation Guide

Please read this installation guide carefully before installation

◆ Model

ZEROtherm – VGA Cooler GX700, GX710

◆ Features

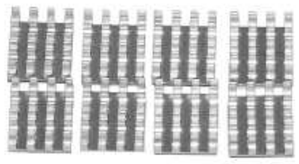
- World first VGA cooler using pure copper heat pipe & bolwer fan
- Maximum cooling performance with optimized thermal design
  : GPU temperature is lower by 10℃ ATi Radeon X1900XTX reference cooler
- Less need to maintain : minimized dirt-clogs with optimized fin pitch
- Ultra silent cooling solution : 1,600rpm(14.7dBA)±10%
- Compatible with almost all of ATi & nVIDIA VGA including Cross-fire & SLi
- Extremely light : The mother board will not be weighted down (less than 150g)
- High class Thermal Grease improves the thermal performance

◆ Specifications

Items \ Models	GX700	GX710
Platform	nVidia & ATI Graphics cards	
Heat Pipe	Sintered wick type, 1EA	
Heatsink Material	Aluminum	Copper
Base Material	Aluminum	
Weight(g)	89.5	128.4
Size(mm)	L99.5 x W100 x H33mm	
Noise(dBA)	14.7 ± 10%	
Fan Speed(rpm)	1,600 ± 10%	
Connector	3pin-3wire connector	

◆ Components

VGA Cooling module



Memory heat sink(8ea)

Back plate(1ea)

Hexa-screw(2ea)

Knurling nut(2ea)

Thermal grease

◆ Applications

① nVidia Geforce 6600 series
nVidia Geforce 7600 series

② nVidia Geforce 6800 series
nVidia Geforce 7800 series
nVidia Geforce 7900 series
ATI Radeon X1800 series
ATI Radeon X1900 series

③ ATI Radeon X1300 series
ATI Radeon X1600 series
ATI Radeon X★★★ series

◆ Notice

- This VGA cooling module is designed to be installed on ATI & nVIDIA reference cards
- It is possible that there is an interference between this VGA cooling module and some VGA card. If this VGA cooling is not compatible with your VGA card, please stop installation.
- This VGA cooling module supports AGP & PCI-E & in SLI mode, but it does not support PCX slot.
- If the air flow is clogged by cables, it will reduce the performance of this VGA cooling module.

◆ Warranty

- Warranty : 2 Years
- APACK INC. is not responsible for any damages due to external causes, including but not limited to, improper use, problems with electrical power, accident, neglect, alteration, repair, improper installation, or improper testing.
  - www.zerotherm.co.kr // www.apack.net
  - sales@apack.net

◆ Patents

- The patent is applied.
- Registered Trademark : 40-0564565-0000

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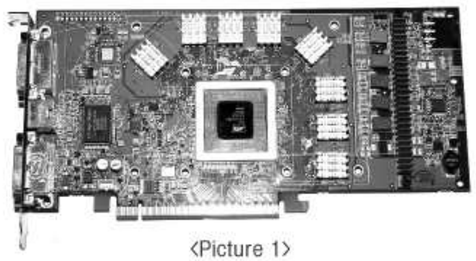
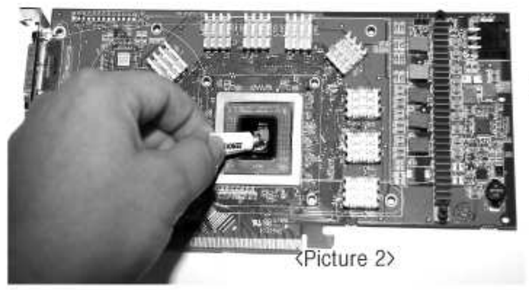
◆ Installation

1. Attach memory heatsink

Attach 8 heatsinks on the memories of VGA card like <picture 1>



<Picture 1>



<Picture 2>

2. Paste thermal grease on the CPU

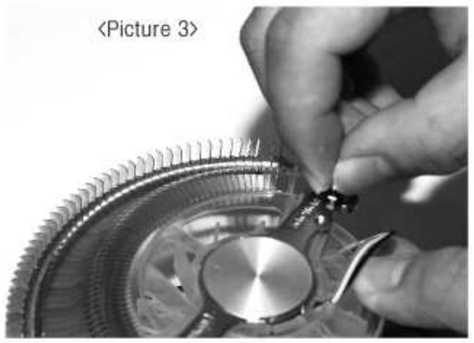
Paste the thermal grease on the core of CPU like <picture 2>

3. Fasten Hexa-screws on the cooling module

Fasten two hexa-screws on the holes of the cooling module in accordance with your VGA card like <picture3>

Make sure that the black rubber ring is between the hexa screw and the cooling module

<Picture 3>



<Picture 4>

4. Fasten knurling nuts

Insert the cooling module into the holes on your VGA card

Put the back plate and fasten the knurling nuts like <picture 4>

※ Cautions
: Make sure that the base of cooling module and your GPU are completely in contact with each other.
: Be careful not to fasten the knurling nuts too tight, your GPU can be damaged.

5. Connect the fan-connector to your mother board

Connect the 3-pin fan-connector to your mother board and insert you VGA card into the AGP/PCI-E slot like <picture 5>

<Picture 5>